

## WATER-COOLED SUBWAY AIR.

JOHN B. McDONALD'S SUGGESTION TO BE TRIED.

Science Used in the Simple Tunnel of Spraying Water Will Be Tested Here—Rice Pits His Faith on the Fans—New Routes to Be Put in Use July 15.

It is probable that the method used for cooling the air of the Simple tunnel through the Alps by water spraying will be adopted for the subway.

The suggestion was John B. McDonald's. In a letter to the Rapid Transit Commission he says that the subway could be furnished with a similar cooling process at a comparatively small cost. He added that he used the spray system in a crude way in the Baltimore tunnel with successful results.

The board asked Chief Engineer Rice to take up the suggestion, and after the meeting Mr. Rice said he would begin experiments immediately. Nozzle similar to those used in the Simple tunnel will be placed on the steel supports of that part of the tunnel between Fifty-fifth and Fifty-ninth streets. These nozzles are so made that the water ejected will be almost vapor. As there is a possibility that this might inconvenience the passengers, Mr. Rice will separate the nozzles and the fans with some sort of screen.

Before waiting for the outcome of these experiments, however, Mr. Rice reported yesterday to the board that he had arranged to provide relief at once at the express station at Brooklyn Bridge, Fourth street and Forty-second street by equipping these stations with electric fans, to be connected with a duct manhole, for the drawing of the heated air out of the subway. In a report Mr. Rice said:

"Since the operation of the road there has been an almost uniform increase in temperature, due to the heat generated by the motors, as the trains increased in number and a larger number of passengers were carried. In the winter time this rise in temperature is not so noticeable; and the problem which now confronts the engineers is to provide some means by which this air can be readily gotten rid of, so that the greatest amount of trouble is experienced."

"This can be done by putting in fans at certain places along the line of the work, and in some cases placing them in the duct manholes which are at frequent intervals along the line of the road. It will, of course, be necessary to take each separate station or section of the subway by itself, and evolve a method of proper ventilation. It is not so much a question of the kind of fan to be used as it is to arrange for the proper location of the fans, and this method of treatment, to effect the necessary change in the air, will, I think, prove the best economical and feasible."

"The running of trains at more frequent intervals may be compared to running during the busy hours, so many people travel through the subway, and if the air is renewed in the manner suggested relief will be afforded."

The odor which is so apparent along the line of the subway, as far as we can ascertain, is due entirely to the oil used for lubricating the moving parts of the trains. Mr. Rice said that the fans he proposed to use in the duct manholes would have a drawing capacity of 15,000 cubic feet of air per minute each.

August Belmont, president of the Interborough company, wrote yesterday to the commission that the lower Broadway extension of the subway as far as the Battery and the Second Avenue extension under the Harlem River would be ready on July 15. He asked for the formal consent of the commission to putting these extensions into service.

The contract for the Broadway route provides that the stations cannot be used for advertising signs or slot machines. When the resolution giving similar consent to the operation of the Second Avenue extension was brought forward Commissioner Grout moved that this clause should be added, "providing that no advertisements be displayed therein unless the plans be first submitted to and approved by this board and providing that there be no merchandizing other than the sale of newspapers and magazines." After some discussion the resolution was passed. Yesterday will go ahead with the new subway routes and a public hearing will be had on July 7.

## FISKE TO MANAGE MME. KALICH.

She Will Appear First in Macerlinck's "Monna Vanna."

Harrison Grey Fiske, manager of the Manhattan Theater, announced yesterday that he had signed a contract with Mme. Bertha Kalich, whereby that actress will appear under his management for an extended period.

Mme. Kalich will be starred in "Monna Vanna," Macerlinck's play, the English version of which has been controlled by Mr. Fiske for some time. He secured the rights expecting to put Mrs. Fiske in the leading part. However, Mrs. Fiske after her deliberation decided that she was unsuited for the part, and her husband has since been casting about for an actress who could take it.

The actress will make her first appearance in "Monna Vanna" at the Manhattan Theater this fall, and Mr. Fiske says he will engage for her a supporting company that will be of high class and give the Manhattan company supporting Mrs. Fiske. Mme. Kalich's talents will not be confined to this play alone, for Mr. Fiske has arranged for her a repertoire including such plays as "Magda," "Phaedra," "The Taming of the Shrew," the "Kreutzer Sonata" and others. Her first season at the Manhattan Theater, Mme. Kalich will tour the leading cities of the country.

## MISHAP ON ROOF GARDEN STAGE.

Four Acrobats Tumbled in a Heap by the Breaking of a Steel Hook.

The audience at the Wistar Garden, the roof garden on the New York Theater, had an unexpected thrill last night when the trapeze paraphernalia on which the four Lukens performed collapsed. The four were performing at the time and all were pitched into a heap on the stage. The quick action of Manager Louis Werber served to quiet the excited ones. He had the curtain run down quickly and put on a gagging act before it.

Meanwhile the stage hands and others were untangling the Lukens from the snarl of ropes, nickel plated bars and netting. None was seriously injured. John Lukens sustained a scalp wound and bruises, while Frank Lukens suffered contusions of the left shoulder. The other two were only shaken up.

The accident was caused by the snapping of a big steel hook that was fastened to a guy rope and attached to a staple in the stage flooring. After a short delay the four acrobats completed the act.

## TEACHERS FOR LOEB SCHOOL.

Danroosh Announces Engagements of Stojowski and Others.

Frank Danroosh made the final announcement yesterday of the instructors engaged for the School of Musical Art founded by the Loeb family as a memorial to Betty Loeb.

The chief instructor in piano playing will be Sigismund Stojowski. He is a Pole, 35 years old. He studied in Cracow under Zelenka and in Paris under Delibes and Dierker. Later he was for several years a pupil of Paderewski.

Alfred Graudet has been engaged to teach opera singing. One of his best known pupils is Albert Salda.

In the department of theory and composition, other instructors are Dr. Percy Goetschius and Louis V. Savary. Dr. Goetschius comes from the Stuttgart Conservatory, where he had the title of "Royal Professor."

## LIVE TOPICS ABOUT TOWN.

The hour of the aprioch has struck in the round of city fruits and they disappear so quickly that those who are fond of the delicate fruit cannot be slow about buying. As usual, the cheaper fruit is the best because it is the ripest.

"To think," said an Englishman who bought a handful yesterday, "that in London I would have to pay a shilling for two of these and they would not be as good as these are here."

It is probable that this contribution to aprioch literature that the juice leaves an irremovable stain.

"The touch method!" exclaimed the business man apprehensively.

The pretty stenographer applying for a job laughed.

"Oh, I don't mean borrowing \$10 or anything like that. I mean they teach us in the shorthand schools now to use all our fingers and both thumbs in operating a typewriter and never to take our eyes off our stenographic notes. When people first began to use typewriters the first, second and third fingers were the only ones used, with a thumb on the spacebar; but the new method teaches the operator to use the hands just as they are used in playing the piano and never to look at the machine. Of course it is hard to learn, because there is no distinctive sound to guide us as with a piano, but when once acquired it is much more rapid than the old method and no time is lost in looking back and forth from the shorthand notes to the typewriter keys."

Fifth avenue on Saturday afternoon, from Sixteenth street to Forty-second, offers an attractive panorama of color. This is not afforded by the passing show, for the street is almost deserted at this season, but is to be found in the window shades of the closed shops. They present a Venetian riot of color. Green in all its tones is a favorite, and yellow, a good second, varying from a listless buff to a bright sunlight effect that makes one think kindly of the man who selected it. A brilliant scarlet flashes into view, and is answered by a ripple of mauve from the shop of a French milliner. A big brown stone building paneled in dark, purplish blue, that brings out the plum tones in the stone, is a striking feature of the avenue and as Frenchy in its way as the milliner's creation. A stupid place shrouded in dull gray, makes one feel sorry for the owner, and then one hastens to forget him in the more joyous red velvet draperies of a big importing house. One shop—managed by a woman, of course—has its windows damasked with white lace of sumptuous design, laid flat against the glass, and a bit of burnt orange lights up another brownstone front.

Mr. Conried's first exhibition in Europe of his operatic fledglings out of his own incubator at the Metropolitan Opera House has not met with success. He took Miss Lillian Heilbach to Vienna and she sang there for Gustav Mahler, director of the Imperial Opera. He was so much pleased with the young woman's performance that he has engaged her for two years, and she is so much to make her first appearance as Elva in "Lohengrin." This example ought to encourage the other young ladies of the opera school, even if two of them did go into vaudeville the other day.

Nearly four hundred pigeons have made a roosting place of the front of the Harlem Opera House building in West 123rd street, near Seventh avenue. The front is of stone building paneled in dark, purplish blue, that brings out the plum tones in the stone, is a striking feature of the avenue and as Frenchy in its way as the milliner's creation. A stupid place shrouded in dull gray, makes one feel sorry for the owner, and then one hastens to forget him in the more joyous red velvet draperies of a big importing house. One shop—managed by a woman, of course—has its windows damasked with white lace of sumptuous design, laid flat against the glass, and a bit of burnt orange lights up another brownstone front.

## THE NORTH AMERICAN REVIEW

OUT TO-DAY

EDITED BY GEORGE HARVEY

July, 1905.

Physical Degeneration in Great Britain. The Rt. Hon. Sir JOHN E. GORST, M. P.

Present Supervision of Life Insurance Companies. S. HERBERT WOLFE.

The Religious Life of the Negro. BOOKER T. WASHINGTON.

Publicity in Educational and Charitable Work. W. H. ALLEN.

Autocracy and War. General Agent of the Association for Improving the Condition of the Poor.

The Industrial Situation in Ireland. JOSEPH CONRAD.

United States Copyright and International Relations. G. HERBERT THIRING.

Reform in the Roman Catholic Church. The Rev. Professor CHAS. A. BRIGGS, D.D.

Poland To-day. ROBERT ATTER.

Franz Liszt and Princess Carolyne. GUSTAV KOBBE.

The Political Future of India. Sir HENRY COTTELL, K.C.S.I.

Our Neglect of South American Markets. G. A. CHAMBERLAIN.

Marriage and Divorce from a Lay Point of View. ELIZABETH CARPENTER.

## WORLD POLITICS

London; St. Petersburg; Paris; Washington

50 cents a copy \$5.00 a Year

THE NORTH AMERICAN REVIEW, FRANKLIN SQUARE, NEW YORK

One of the Best COLLEGE STORIES

over published is

A VICTORY UNFORESEEN

(A Story of the Yale-Harvard Boat Race) by

Ralph D. Paine

'93 in the JULY

Scribner's

Teachers for Loeb School.

Danroosh Announces Engagements of Stojowski and Others.

Frank Danroosh made the final announcement yesterday of the instructors engaged for the School of Musical Art founded by the Loeb family as a memorial to Betty Loeb.

The chief instructor in piano playing will be Sigismund Stojowski. He is a Pole, 35 years old. He studied in Cracow under Zelenka and in Paris under Delibes and Dierker. Later he was for several years a pupil of Paderewski.

Alfred Graudet has been engaged to teach opera singing. One of his best known pupils is Albert Salda.

In the department of theory and composition, other instructors are Dr. Percy Goetschius and Louis V. Savary. Dr. Goetschius comes from the Stuttgart Conservatory, where he had the title of "Royal Professor."

THE EVERETT PRESS CO., BOSTON.

YOUR VACATION

Preparations will not be complete until these two books of fun: "A Real Boy and a Real Girl," 30 cents each.

THE EVERETT PRESS CO., BOSTON.

AT ALL BOOKSELLERS.

A. WESSELS COMPANY

43 East 19th St., New York.

Strapped to the Dun Racing Camel

O'Rourke makes his great run for life; his and his sweetheart's, with the Arabs close behind. In

TERENCE O'ROURKE

GENTLEMAN ADVENTURER

Louis Joseph Vance has given us a corking tale story with every page full of stirring adventure.

12mo. Cloth. Frontispiece in color. \$1.50.

An ideal holiday story; you must read it.

AT ALL BOOKSELLERS.

A. WESSELS COMPANY

43 East 19th St., New York.

## A. D. T. MIDGET EARNS A ROSE.

COMES DANCING DOWN WITH IT FROM MOVING LINER'S DECK.

Radiant Girl Up There Bestowed It Because He Took Chances With a Message for Her Long After "All Ashore That's Going"—Cheers for the Get-There Mito

Messenger 780, the smallest in the A. D. T. office at West and Christopher streets, received a big yellow envelope from his superintendant at 10 o'clock yesterday morning, the hour at which the French liner La Lorraine was scheduled to leave her dock, and was told to catch her and deliver the message to a young woman aboard.

The youngster, scoring the traditions of his class as portrayed in the comic papers, as illustrated precedents might have sanctioned him in doing, to read the dime novel that all well-regulated messenger boys always have concealed about them.

Having in mind the travesty, the crowd on the French liner that made way for Messenger 780 were startled to see his legs moving like the pistons of the locomotive of the Empire State Express. The longshoremen were taking down the gangplank when the boy sprang up it, and in a twinkling had been put in the novel that 780 did not have with him.

"He felt panting on the deck. Gentle hands lifted him, and a girl of alabaster brow, with a cluster of Jack roses in her corsage, which rose and fell under the unworldly excitement of the moment, grasped the envelope, which Messenger 780 intuitively knew belonged to her. A delicate pink flush mounted from her snowy, swan like neck to the very roots of her dark slken hair.

"Ah, she said, with a sigh of relief, 'it is from He!' thus showing her true aristocratic breeding, which has always been careless with personal pronouns. Our Hero gazed into the dazzling black eyes of the young woman, with undisguised admiration. While he was still under the spell of her witchery, she unfasted the cluster of roses from her corsage and tied them on the lapel of 780.

"These are Jack's, she murmured.

"And now," said our Hero, "they are mine. Jack could not prize them more highly."

At this point 780 began to realize that the Lorraine was drawing out in the stream. He thought of being docked three weeks later in case he should let La Lorraine carry him off to Europe, and he made a desperate resolve. Throwing a kiss at the resplendent young woman, he jumped up on the rail intending, apparently, to throw himself into the river and swim for the pier.

A stalwart sailor seized him about the waist and deftly nuzzled a seaming line under his arms let him down over the ship's side. There was a raft fifty feet below and 780 soon found himself on it. A shower of roses and cheers came down after him from the voyagers who had seen him swing out into space. The sailorman who made the line fast threw his end of it to the pier, and Leeson, the detective, caught the line. In less time than it takes to tell it 780 was hauled up to the pier. He waved his cap at the fair creature who had given him the roses and then went back to lie in wait for other romantic adventures.

News of Plays and Players.

Richard Mansfield will begin his season in October at the Grand Opera House, Chicago. His first production will be of Schiller's "Don Carlos." This will be his first performance in English.

Deputy Sheriff Altman yesterday sold out the scenery and costumes of A China Doll (corporation) at the Majestic Theater, Eighth avenue and Fifty-eighth street, under an execution for \$68 in favor of the United States Amusement Company for money advanced. The sale realized \$150.

A China Doll was incorporated on Oct. 5, 1904, with a capital stock of \$25,000, to produce plays.

Publications.

Publications.

Publications.

Publications.

Publications.

Publications.

Publications.

Publications.

Publications.

Publications.

Publications.

Publications.

Publications.

Publications.

Publications.

Publications.

Publications.

Publications.

Publications.

Publications.

Publications.

Publications.

Publications.

Publications.

Publications.

Publications.

Publications.

Publications.

Publications.

Publications.

Publications.

Publications.

Publications.

Publications.

Publications.

Publications.

Publications.

Publications.

Publications.

Publications.

Publications.

Publications.

Publications.

Publications.

Publications.

Publications.

Publications.

Publications.

Publications.

Publications.

Publications.

Publications.

Publications.

Publications.

Publications.

Publications.

Publications.

Publications.

Publications.

Publications.

Publications.

Publications.

## SOME NEW BOOKS WHICH ARE GOOD

FICTION

The Marriage of William Ashe. By Mrs. HUMPHRY WARD. The most notable novel in recent fiction. Illustrated. \$1.50

Fond Adventures. By MARJORIE HENRIETTE. Tales of the south of the world. Illustrated. 1.50

The Tyranny of the Dark. By HAMLEN GARLAND. A striking departure from modern fiction into the region of the occult. Illustrated. 1.50

The Vicissitudes of Evangelism. By ELINOR GLEN. A vivid story of the life of a missionary. Illustrated. 1.50

The Accomplish. By FREDERICK TREVOR HILL. A novel of mystery along lines new to fiction. Illustrated. 1.50

The Slanderers. By WARWICK DREYFUS. A story of modern life with romantic setting. Illustrated. 1.50

Miss Bellard's Inspiration. By W. D. HOWELL. A wondrous episode in which the course of true love takes a novel turn. Illustrated. 1.50

The Bell in the Fog. By GEORGE B. THURGOOD. Short stories suggestive of Poe and Maupassant. Illustrated. 1.50

The Second Woe of Salina Sue. By RUTH McPHERY STUART. A delightful succession of comedies and tragedies of the Southland. Illustrated. 1.50

The Dryad. By JUDITH HUNTER MCCARTHY. A medieval tale full of charm and surprise. Illustrated. 1.50

The Club of Queer Trades. By G. K. CHESTERTON. Ingenious, fantastic stories for lovers of mystery tales. Illustrated. 1.50

The Ultimate Passion. By FREDERICK TREVOR HILL. The latest novel by the author of "Bruever Jim's Baby." Illustrated. 1.50

Down to the Sea. By MORRIS ROBERTSON. Sea stories brimming with humor and incident of sea salt. Illustrated. 1.50

The Courtship of a Careful Man. By E. S. MARTIN. Clever stories of Cupid's present-day methods. Illustrated. 1.50

Sanna. By M. E. WALLER. A delightful romance of old Nantucket. Illustrated. 1.50

The Silence of Mrs. Harrold. By S. M. GARDNER. Wall Street and the Theatrical Trust in a mystifying plot. Illustrated. 1.50

POETRY

Swinburne's Complete Poems. In six volumes, including his latest pieces. Per set. \$12.00

Selene. By ARNOLD RIVERA. Recounting the love of Diana for Endymion. Illustrated. \$1.50

JUVENILES

Jimmy Brown Trying to Find Himself. By W. L. ALDEN. A brand new Jimmy Brown book. Illustrated. 1.50

The Blockaders. By JAMES BARNES. Stories of boy adventures. Illustrated. 1.50

Little Precious. By GEORGE SMITH. The latest adventures of Janey and Joe and Joe. Illustrated. 1.50

Josephine. By ELLEN DOUGLAS DELAND. A story for girls. Illustrated. 1.50

Riverland. By ROBERT W. CHAMBERLAIN. Describing in story fashion animal life in streams. Handsomely illustrated in color by Elizabeth Shippen Green. Illustrated. 1.50

London Mews. By CATHERINE TANNER. A book of pictures and rhymes about cats. Illustrated. 1.50

The Blue Dragon. By KIRK MINNOR. A boy's story about the siege of the foreign legation at Peking. Illustrated. 1.50

The Adventures of Buffalo Bill. By Col. W. F. CONY. True account of Buffalo Bill's life in the West, written by himself. Illustrated. 1.50

In Camp at Bear Pond. By H. E. HOOD. A rattling good camping-out story. Illustrated. 1.50

HARPER & BROTHERS, PUBLISHERS, NEW YORK CITY.

TYPEWRITERS.</